

SHIVEN UPADHYAY

FULL STACK DEVELOPER

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Education

JSSATE, Noida

Nov 2021 - Present

B.Tech (CSE + Data Science)

David Model Sr. Sec. School

2019 - 2020

12th

Technical Skills

Technologies: Node.js, Express, Laravel, Flask, MongoDB, Sockets, Pipelines, MQTT, Onesignal

Frontend: React, Flutter, Bootstrap, HTML, CSS/SCSS, Tailwind

Languages: SQL, Python, PHP, JavaScript, C, C++

Tools Softwares: VS Code, Git, NPM, Figma

Python GUI: Tkinter

Experience

GSOC 2024

Contributor Liquid Galaxy

Flutter, Google Earth, Python, Docker, Gemma, Gemini

May 2024 - August 2024

- Contributed to the **Liquid Galaxy project** during **Google Summer of Code 2024**, working with Flutter, Google Earth, Python, Docker, and other technologies.
- Collaborated with mentors and the Liquid Galaxy team to enhance project functionality.
- Link to **work product submission** - <https://www.liquidgalaxy.eu/2024/08/work-product-submission-from-google.html>

AmazedIT

Full Stack Developer

Laravel, PHP, Flutter

October 2023 - December 2023

- Developed a comprehensive **taxi service application** using Laravel for backend and Flutter for mobile frontend.
- Implemented an **admin panel in Laravel** and **Taxi Driver and Rider Applications in Flutter** integrated various technologies, including **Google API, MQTT, and OneSignal**, to enhance functionality and user experience.

Freelance

Full Stack Developer

MERN, Flutter, PHP

September 2023 - Present

Personal Projects

RouteCraft - AI powered Travel Experience

Flutter, Gemini, Groq, Docker

- An **Generative AI** powered mobile application that creates personalized travel itinerary tailored to ones personality.
- Utilized **mixtral-7b LLM model** and **gemini-1.5-flash** for generating itinerary.

Rockabuy - Moon Rocket Launch

React, Node.js, Express, MongoDB

- Developed an interactive web application for launching rockets on moon, incorporating real-time physics simulations.
- Created a responsive front-end with advanced animations and user interactions using React.

Jatayu - Disaster Management Platform

React, Node.js, Java, Python

- A dual-platform project designed for seamless collaboration between organizations and troops, featuring advanced **real-time updates, live tracking, and secure communication** with a robust technology stack.
- Leveraged React, Node.js, Java, and Python, incorporating **cryptography and socket management** for secure and efficient communication.

For more projects and other details, look up nevish302.vercel.app

Achievements

- Achieved Second Place on a Global MLH Hackathon Design-A-Thorn.
- Achieved Second Place on a Hackathon HackMVP in DU.
- Achieved Second Place in HackVIPS 5.0 in VIPS college.
- Presented Research paper, **Enhancing Knowledge Retention in Children Under Six with Dyslexia: A Deep Learning Model** at RIC'24, IIT Guwhati.
- Lead workshops regarding **Git, GitHub and Flutter** in my college.